

Page ~~29~~, line 6, insert -- or SEQ. ID. NOS. 5 and 6 -- after "Figure 3";
Page ~~29~~, line 14, insert -- or SEQ. ID. NOS. 7, 8, and 9 -- after "Figure 4";
Page ~~31~~, line 8, insert -- or SEQ. ID. NOS. 10, 11, and 12 -- after "Figure 9";
Page ~~31~~, line 13, insert -- or SEQ. ID. NOS. 13, 14, and 15 -- after "Figure 10";
Page ~~31~~, line 18, insert -- or SEQ. ID. NOS. 16, 17, 18, 19, and 20 -- after "Figure 12";
Page ~~47~~, line 19 insert -- (see also SEQ. ID. NOS. 25 to 37) -- after "Table 4";
Page ~~49~~, line 2 and line 15, insert -- and SEQ. ID. NO. 21 -- after "Figure 20";
Page ~~50~~, line 38, insert -- (SEQ. ID NO. 38) -- after "(aa 185-189)";
Page ~~50~~, line 38, insert -- (SEQ. ID NO. 39) -- after "(aa 449-453)";
Page ~~50~~, line 38, insert -- (SEQ. ID NO. 40) -- after "(aa 237-244)";
Page ~~51~~, line 1, insert -- (SEQ. ID NO. 41) -- after "(aa 480-487)";
Page ~~51~~, line 1, insert -- (SEQ. ID NO. 42) -- after "(aa 276-281)";
Page ~~51~~, line 1, insert -- (SEQ. ID NO. 43) -- after "(aa 513-518)";
Page ~~51~~, line 2, insert -- (SEQ. ID NO. 44) -- after "(aa 300-306)";
Page ~~51~~, line 2, insert -- (SEQ. ID NO. 45) -- after "(aa 546-552)";
Page ~~63~~, line 10, insert -- (SEQ. ID. NO. 48; see also SEQ. ID. NOS. 46 to 52) -- after "Table 10)"
Page ~~63~~, line 12, insert -- (SEQ. ID. NO. 46) -- after "Table 10)"
Page ~~63~~, line 20, insert -- (SEQ. ID. NOS. 50 and 49) -- after "Table 10)"
Page ~~63~~, line 27, insert -- (SEQ. ID. NO. 51) -- after "Table 10)"
Page ~~63~~, line 28, insert -- (SEQ. ID. NO. 49) -- after "Table 10)"

Please insert pages 81-116 enclosed herewith, containing a Sequence Listing in accordance with 37 C.F.R. 1.821(c).

In the Claims

Please renumber claim pages 81-83 of record as pages 117-119.

Remarks

This is in response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide and/or Amino Acid Sequence Disclosure